

Notice of Allowability

Application No.

10/664,138

Examiner

Ruth Ilan

Applicant(s)

SAIEG ET AL.

Art Unit

3616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment of 2/10/06.
2. ☒ The allowed claim(s) is/are 1-11.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Ruth Ilan
Primary Examiner
AU 3616

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Theodore Olds on May 1, 2006.

The application has been amended as follows:

Claims 12 and 13 have been cancelled.

Claim 1 has been amended as follows:

1. (Currently Amended) A trailer slider comprising:
 - an actuation member for changing a position of a pair of locking pins, and driving the pair of locking pins between a non-engaged and an engaged position;
 - a feedback member moving with said actuation member, said feedback member being in an expected position in said engaged position of said pair of locking pins; and
 - said feedback member communicating a position of said pair of locking pins to an interlock valve, said interlock valve ensuring a parking brake associated with a trailer carrying the trailer slider is in a park position if said feedback member does not communicate that said pair of locking pins are in said expected position; and
 - the trailer also being provided with a parking brake control valve and a compressed air reservoir, said interlock valve being positioned on a pressurized air

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supply line downstream of said parking brake control valve and said compressed air reservoir; and

wherein said interlock valve connects said compressed air reservoir to atmosphere if said feedback member is not in said expected position.

Claim 3 has been amended as follows:

3. (Currently amended) A trailer slider comprising:

an actuation member for changing a position of a pair of locking pins, and driving the pair of locking pins between a non-engaged and an engaged position;

a feedback member moving with said actuation member, said feedback member being in an expected position in said engaged position of said pair of locking pins; and

said feedback member communicating a position of said pair of locking pins to an interlock valve, said interlock valve ensuring a parking brake associated with a trailer carrying the trailer slider is in a park position if said feedback member does not communicate that said pair of locking pins are in said expected position; and

the trailer also being provided with a parking brake control valve and a compressed air reservoir, said interlock valve being positioned on a pressurized air supply line downstream of said parking brake control valve and said compressed air reservoir; and

wherein said actuation member drives a torque tube which is turned to move said pair of locking pins between said non-engaged and said engaged positions; and

wherein said feedback member is a lever that rotates with said torque tube, said lever in turn moving a transmission member, said transmission member driving said

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interlock valve between a flow blocking position and a flow position, said interlock valve venting pressurized air from said parking brake in said flow blocking position.

Claim 8 has been amended as follows:

8. (Currently Amended) A vehicle trailer system comprising:

at least one parking brake, said at least one parking brake being moved between a park and release position by a flow of pressurized air;

a vehicle slider having at least a pair of locking pins, said pair of locking pins being movable by an actuation member between engaged and non-engaged positions;

a trailer frame rail comprising a plurality of incrementally spaced holes, said pair of locking pins moved into selected ones of said holes in said engaged position;

an interlock valve being movable between a flow blocking position when said pair of locking pins are in said non-engaged position, and a flow position when said pair of locking pins are in said engaged position, said flow blocking position preventing the flow of pressurized air to said at least one parking brake and preventing release of said at least one parking brake if said pair of locking pins are not in said engaged position; and

the vehicle trailer system further carrying an air reservoir and a pressurized air supply line communicating to said air reservoir, said interlock valve being positioned in an air supply line leading to said at least one parking brake, and downstream of said air reservoir; and

wherein said interlock valve connects said air reservoir to atmosphere if said pair of locking pins are not in said engaged position.

2. The following changes to the drawings have been approved by the examiner and agreed upon by applicant: As shown in the attached Figure, the second lead line associated with the reference 60 in the center of the page has been deleted. In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

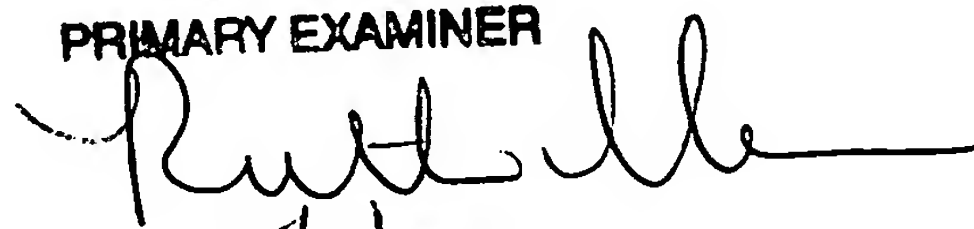
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ruth Ilan whose telephone number is 571-272-6673. The examiner can normally be reached on Monday-Friday, 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paul Dickson can be reached on 571-272-6669. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ruth Ilan
Primary Examiner
Art Unit 3616

RI
5/1/06

RUTH ILAN
PRIMARY EXAMINER

5/1/06

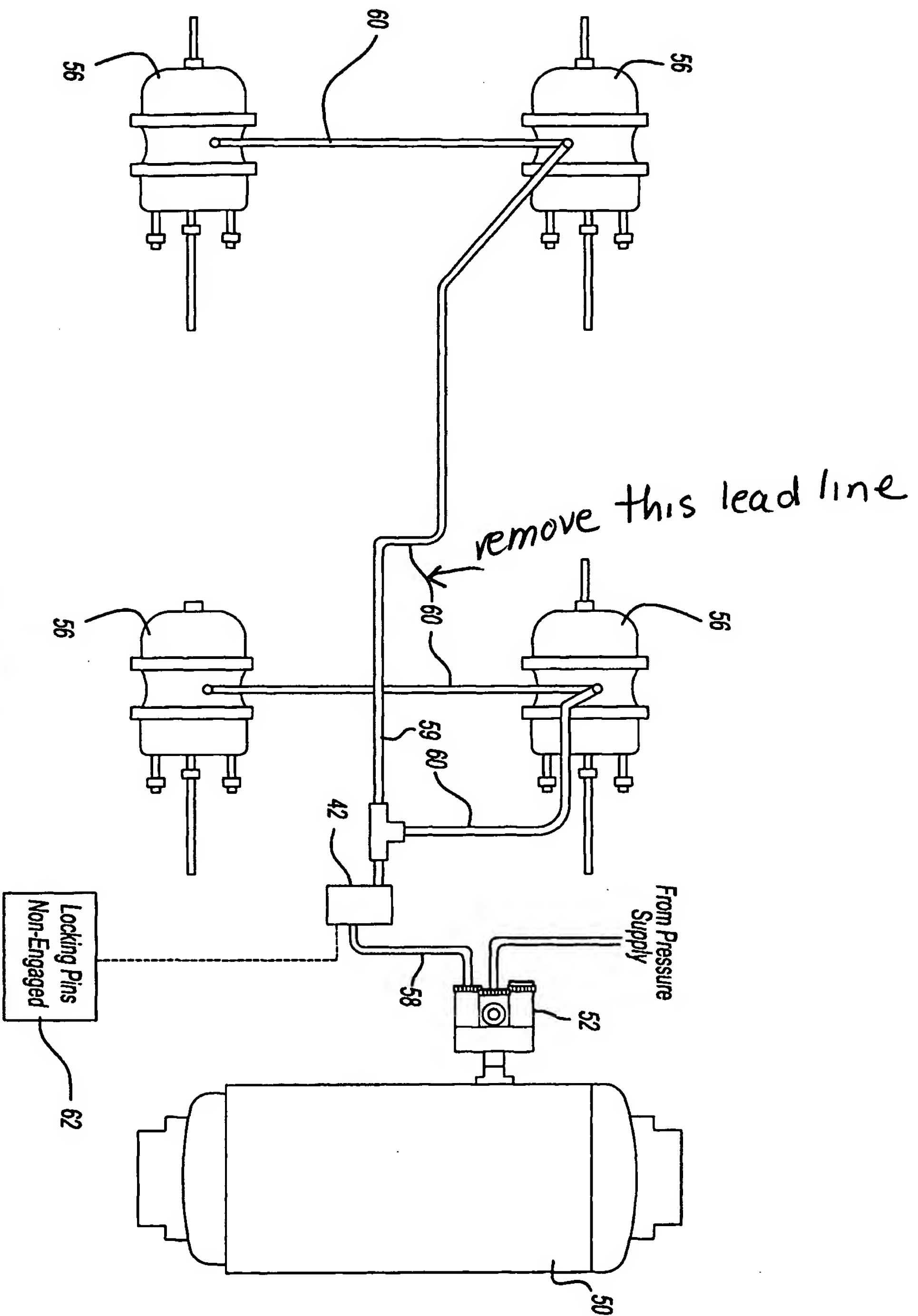


Fig-3A